

WELUX LED Gimbal

Titan Comfort Series

Housing and Trim: Die-cast aluminium
 Mounting type: Recess adjustable
 Heat Management: Die-cast aluminium heat sink
 Reflector: Aluminium
 Angle: Adjustable
 Diffuser: Clear PMMA

LED Modules
 GERMAN Technology
 Comfort COB - Up to 1,400lm
 Long service life time : 50,000 hours (L80/B10)
 Ambient temperature - 40°C to +40°C

Drivers: 250mA
 (optional: Dimmable available)
 Power factor at full load : 0.97
 SELV , Low Ripple current < 1% ,THD <15%
 Warranty: 5 years



Powered by:



Standards
 EN 620301: LED modules for general lighting - Safety specification
 EN 62471: Photobiological safety of lamps and systems
 EN 55015: Radio disturbance emissions
 EN 61000-3-2 Limited for harmonic emissions
 EN 61547: Immunity requirements

Application: Commercial Building, Lobby, Conventional Hall, Ballroom, Concourse

Model	Module Wattage	System Wattage	Voltage	Frequency	Power Factor	Colour	Colour Temperature	Module Luminous Flux (Lm)	Module Efficacy Lm/W	Typ. Beam Angle	Typ. CRI Ra	Dimension (WxLxH) mm	Dimension (Cut out) mm
TGS-1x9W	1x8.6W	1x9.4W	220-240	50/60Hz	0.95	Warm white	2700K	1x1360	159	24°, 36°	>82	120 x 120 x 112	105 x 105
			220-240	50/60Hz	0.95	Warm white	3000K	1x1430	167	24°, 36°	>82		
			220-240	50/60Hz	0.95	Neutral white	4000K	1x1475	172	24°, 36°	>82		
			220-240	50/60Hz	0.95	Cool white	5700K	1x1490	174	24°, 36°	>82		
TGS-2x9W	2x8.6W	2x9.4W	220-240	50/60Hz	0.95	Warm white	2700K	2x1360	159	24°, 36°	>82	225 x 120 x 112	210 x 105
			220-240	50/60Hz	0.95	Warm white	3000K	2x1430	167	24°, 36°	>82		
			220-240	50/60Hz	0.95	Neutral white	4000K	2x1475	172	24°, 36°	>82		
			220-240	50/60Hz	0.95	Cool white	5700K	2x1490	174	24°, 36°	>82		
TGS-3x9W	3x8.6W	3x9.4W	220-240	50/60Hz	0.95	Warm white	2700K	3x1360	159	24°, 36°	>82	315 x 120 x 112	295 x 105
			220-240	50/60Hz	0.95	Warm white	3000K	3x1430	167	24°, 36°	>82		
			220-240	50/60Hz	0.95	Neutral white	4000K	3x1475	172	24°, 36°	>82		
			220-240	50/60Hz	0.95	Cool white	5700K	3x1490	174	24°, 36°	>82		

*Colour tolerance: 3 MacAdam **Production tolerance of luminous flux and efficiency: ±10% ***Min. CRI ±3% ****Power consumption: ±10%
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TGS-1x14W	1x12.3W	1x13.5W	220-240	50/60Hz	0.95	Warm white	2700K	1x1810	147	24°, 36°	>82	120 x 120 x 112	105 x 105
			220-240	50/60Hz	0.95	Warm white	3000K	1x1905	154	24°, 36°	>82		
			220-240	50/60Hz	0.95	Neutral white	4000K	1x1960	159	24°, 36°	>82		
			220-240	50/60Hz	0.95	Cool white	5700K	1x1980	161	24°, 36°	>82		
TGS-2x14W	2x12.3W	2x13.5W	220-240	50/60Hz	0.95	Warm white	2700K	2x1810	147	24°, 36°	>82	225 x 120 x 112	210 x 105
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TGS-3x14W	3x12.3W	3x13.5W	220-240	50/60Hz	0.95	Warm white	2700K	3x1810	147	24°, 36°	>82	315 x 120 x 112	295 x 105
			220-240	50/60Hz	0.95	Warm white	3000K	3x1905	154	24°, 36°	>82		
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TGS-TL-1x9W	1x8.6W	1x9.4W	220-240	50/60Hz	0.95	Warm white	2700K	1x1360	159	24°, 36°	>82	102 x 102 x 103	103 x 103
			220-240	50/60Hz	0.95	Warm white	3000K	1x1430	167	24°, 36°	>82		
			220-240	50/60Hz	0.95	Neutral white	4000K	1x1475	172	24°, 36°	>82		
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TGS-TL-2x9W	2x8.6W	2x9.4W	220-240	50/60Hz	0.95	Warm white	2700K	2x1360	159	24°, 36°	>82	208 x 102 x 110	209 x 103
			220-240	50/60Hz	0.95	Warm white	3000K	2x1430	167	24°, 36°	>82		
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TGS-TL-3x9W	3x8.6W	3x9.4W	220-240	50/60Hz	0.95	Warm white	2700K	3x1360	159	24°, 36°	>82	300 x 102 x 110	301 x 103
			220-240	50/60Hz	0.95	Warm white	3000K	3x1430	167	24°, 36°	>82		
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